



# SERVICE INFORMATION LETTER

AVOX Systems Inc. (Formerly Scott Aviation, Inc.)  
225 Erie Street • Lancaster, NY 14086-9502 • USA  
Tel: 716-683-5100 • Fax: 716-681-1089 • Web Site: [www.avoxsys.com](http://www.avoxsys.com)

## OXYGEN - ATA CHAPTER 35

### VENDOR CODE: 53655

### P/N 5500 AND P/N 5600 SERIES PORTABLE CYLINDER ASSEMBLIES (PCA'S) - REDUCTION OF THE TORQUE USED TO TIGHTEN THE ALTERNATE NUT ON THE HANDLE OF THE ON-OFF VALVE ASSEMBLY.

#### 1. BACKGROUND

- A. The current torque value range used to tighten the Alternate Nut on the Handle of the On-Off valve assembly can, in some cases, result in the threads of the Alternate Nut being stripped during installation. This change will be incorporated into the CMM at the next revision. After the change is added to the CMM, this SIL will no longer be current.
- B. You are authorized to copy this SIL. If you copy this SIL, you must copy all of the SIL.

#### 2. EFFECTIVITY

This SIL affects all end items in the 5500 and 5600 Series Portable Cylinder Assembly whether removed from an aircraft or from spares inventory.

#### 3. MATERIALS

Only the materials and tools listed in the relevant CMM are required.

#### 4. ACCOMPLISHMENT OF SIL

Refer to the applicable CMM (Section 5. Reference Document of this SIL) for the steps below.

- A. It will be necessary to apply a different torque to the Nut, Alternate (IPL Fig. 9, Item 40A) when doing the ASSEMBLY section of the applicable CMM.
- B. Refer to paragraph 8. Regulator Assembly, H. Final Assembly, Step (2) in the ASSEMBLY section and change the torque values to the New Values indicated in Table 1 of this SIL.

Table 1  
Torque Values

| Old Values (Do not use)        | New Values (Use)               |
|--------------------------------|--------------------------------|
| 20 – 25 in•lbs (2.3 – 2.8 N•m) | 16 – 23 in•lbs (1.8 – 2.6 N•m) |

- C. Refer to Table 8001 in the relevant CMM and change the entry for IPL Figure 9, Item 40A to the values shown in Table 2 of this SIL.
- D. No other values or procedures in the applicable CMM are affected by this SIL.



Table 2  
Corrected Torques Values for Table 8001

| IPL REFERENCE |          | NOMENCLATURE                      | TORQUE VALUES<br>in•lbs (N•m)  |
|---------------|----------|-----------------------------------|--------------------------------|
| FIG. NO.      | ITEM NO. |                                   |                                |
| 9             | 40A      | Nut, Alternate SPN 804670-03 Only | 16 – 23 in•lbs (1.8 – 2.6 N•m) |

5. Reference Document

A. CMM 35-32-18 P/N 5500 and P/N 5600 Series Portable Cylinder Assembly

6. TO CONTACT AVOX SYSTEMS:

Use the contact information below to get a copy of a CMM or the revision status of a publication. Give the AVOX Systems part number and the aircraft model when you request a CMM copy.

First tier operators:

IN-Services Europe (HQ)  
Yann Lainé  
7, Avenue du Parana  
B. P. 303  
91958 Courtaboeuf Cedex  
France

Telephone: +33-1-64-86-69-64  
Fax: +33-1-64-86-69-84  
E-mail: [ylaine@intertechnique.zodiac.com](mailto:ylaine@intertechnique.zodiac.com)  
Website: [www.in-services.com](http://www.in-services.com)

Second tier operators:

AVOX Systems  
David Coe  
225 Erie Street  
Lancaster, NY  
14086-9502  
USA

716-686-1614  
716-681-1089  
[dcoe@avox.zodiac.com](mailto:dcoe@avox.zodiac.com)  
[www.avoxsys.com](http://www.avoxsys.com)

B. To have an AVOX Systems component serviced or overhauled:

AVOX-EROS Services  
6734 Valjean Avenue  
Van Nuys, CA 91406  
USA  
Director of Marketing – Jean-Marc LeMaitre  
Phone: (818) 787-3852  
Fax: (818) 994-7901  
E-mail: [jlemaitre@intertechnique.zodiac.com](mailto:jlemaitre@intertechnique.zodiac.com)

IN-Services Europe  
7, Avenue du Parana  
B.P. 303  
91958 Courtaboeuf Cedex  
France  
Customer Services-Celine Robitaille  
Phone: 33 1 64 86 69 19  
E-mail: [crobitaille@intertechnique.zodiac.com](mailto:crobitaille@intertechnique.zodiac.com)

IN-Services & AL RUMAITHY Est. Middle East  
P.O.Box 4356  
Abu Dhabi, U.A.E.  
GM and Sales-Boulouafi Bouach  
Phone: (971) 2 672 5257  
E-Mail: [bbouach@inservices-alrumaithy.com](mailto:bbouach@inservices-alrumaithy.com)

IN-Services Asia  
80 Chun Choi Street  
Tseung Kwan O Industrial Estate  
New Territories  
Hong Kong, China  
General Manager-Sebastien Weber  
Customer Support Administration-Shirley Huen  
Phone: (852) 2260 4050  
Email: [weber.inasia@haeco.com](mailto:weber.inasia@haeco.com)

C. To buy replacement parts for an AVOX Systems component, contact any IN-Services location listed in Section B above.